Cyclotetracosasiloxane, octatetracontamethyl

Inchi:	InChI=1S/C48H144O24Si24/c1-73(2)49-74(3,4)51-76(7,8)53-78(11,12)55-80(15,16)57-8
InchiKey:	LVEFFEYAFKSKIO-UHFFFAOYSA-N
Formula:	C48H144O24Si24
SMILES:	C[Si]1(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O
Mol. weight [g/mol]:	1779.69

Physical Properties

Property code	Value	Unit	Source
log10ws	34.90		Crippen Method
logp	17.242		Crippen Method
rinpol	4021.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R55412&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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https://www.chemeo.com/cid/71-255-0/Cyclotetracosasiloxane-octatetracontamethyl.pdf

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